

#13C
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9/10/02

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AMENDMENT

In the specification

Please replace the paragraph beginning at 7, line 13, with the following rewritten paragraph:

- Figure 19 shows a picture of a gel showing Tnik overexpression induced redistribution of actin. Phoenix-A cells were transfected with 3 µg of vector, HA-Tnik(WT) or HA-Tnik(KM) and lysed with 1% Triton X-100 as described in EXPERIMENTAL PROCEDURES. Top panel: Cell lysates (4 x 10⁴ cells) from either Triton X-100 soluble (lanes 1-3) or insoluble (lanes 4-6) fractions were resolved on SDS-PAGE and immunoblotted with an anti-β-actin mAb. -

In the Claims

Please amend Claims 19-23. Please add Claims 24-25. A clean set of the pending claims, including Claims 19-23 as amended, appears below.

19. (amended) A method of screening for a bioactive agent capable of binding to a TNIK protein, said method comprising:

a) combining a candidate bioactive agent and a TNIK protein; and
b) determining the binding of said candidate bioactive agent to said TNIK protein;
wherein said TNIK protein comprises an amino acid sequence selected from the group consisting of the amino acid sequences set forth by SEQ ID NOs:9-15.

20. (amended) A method of screening for a bioactive agent capable of interfering with the binding of a TNIK protein and a Traf2 or Nck protein, said method comprising:

a) combining a TNIK protein, a candidate bioactive agent, and a Traf2 or Nck protein; and
b) determining the binding of said TNIK protein to said Traf2 or Nck protein;